A. CLASSIFICATION OF SUBJECT MATTER PPC 7 G09G3/34 G09G3/20

According to International Patent Classification (IPC) or to both national classification and IPC

## **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT						
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.				
X .	EP 1 132 884 A (NGK INSULATORS LTD)  12 September 2001 (2001-09-12)   paragraph '0010! - paragraph '0013!;  figure 74   paragraphs '0030!-'0032!   paragraphs '0038!-'0040!   paragraph '0274! - paragraph '0278!;  figures 28-30   paragraphs '0309!-'0313!   claim 12  -/	1-9				

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the International filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search  6 November 2003	Date of mailing of the international search report  14/11/2003
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo ni,  Fax: (+31-70) 340-3016	Authorized officer  Wolff, L



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X	EP 1 052 614 A (NGK INSULATORS LTD) 15 November 2000 (2000-11-15) paragraphs '0007!-'0009! paragraphs '0065!-'0070! paragraph '0100! - paragraph '0104! paragraph '0119! - paragraph '0123! paragraph '0161! figures 1,2,28-30,37-40	1-9
Υ	US 5 771 321 A (STERN ERNEST)	1,2,9
Χ	23 June 1998 (1998-06-23) abstract	3-8
	column 1, line 10 - line 15; figures 1,2,8,10-12,14 column 2, line 49 - line 60 column 5, line 54 -column 6, line 12 column 22, line 20 - line 46 column 24, line 8 - line 45 column 25, line 10 -column 26, line 67 column 35, line 3 - line 52	
Υ .	US 4 962 374 A (OHBA TOSHIHIRO ET AL) 9 October 1990 (1990-10-09) abstract; figure 3	1,2,9
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.